

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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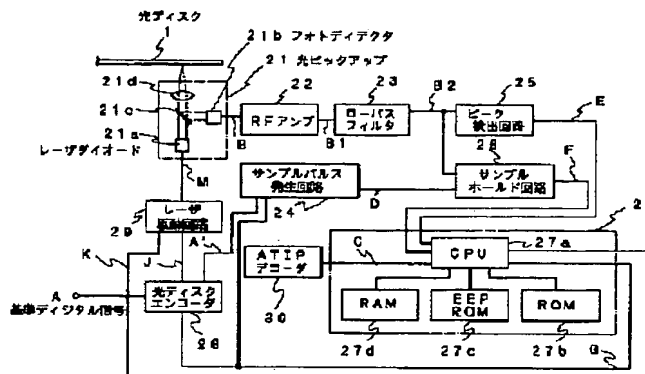
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TITLE : RUNNING OPC METHOD FOR  
OPTICAL DISK AND OPTICAL DISK  
RECORDING/REPRODUCING  
APPARATUS



ABSTRACT : PROBLEM TO BE SOLVED: To provide an optical disk running OPC method and an optical disk recording/reproducing apparatus whereby a laser light intensity can be accurately corrected when information is recorded.

SOLUTION: Reflected light from a pit part of an optical disk 1 during recording of information is detected by a photodetector 21b. The maximum value of the intensity of the reflected light from the pit part and the intensity of the reflected light after a reference time lasts from a front end of the pit part are detected via a peak detection circuit 25 and a sample-and-hold circuit 26. A maximum value of the intensity of the reflected light of a plurality of pit parts and the intensity of sample reflected light are detected for several frames in an actual recording area when information is started to be recorded on the optical disk. Based on the detection result, a reference maximum value of the intensity of the reflected light and a reference intensity of the sample reflected light are obtained. After the information is started to be recorded, the maximum value of the intensity of the reflected light from the pit part and the intensity of the sample reflected light are detected, and compared with reference values. The intensity of laser light is corrected on the basis of the comparison result according to the running OPC.

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